

# Brief...

## Managed variety update

North Jersey Tree Fruit Meeting,  
03/4/15

Jon Clements

UMass Amherst



Ambrosia, Ariane, Ariwa, Autento, Autumn  
Glory, Candy, Choupette, Cosmic Crisp, Crimson  
Crisp, Enchanted, Envy, Eva, Evelina, Evercrisp,  
Evolution, Fireside, Galmac, Greenstar,  
Honeycrunch, Honeygold, Isaaq, Jazz, Juliet,  
Junami, Kalei, Kanzi, KIKU<sup>®</sup>, Koru, Lady Alice,  
Lemonade, Marlene, Mairac, MN 55, Modi,  
Mozart, Opal, Pacific Rose, Pazazz, Pinata, Red  
Prince, Redlove, Rubens, Ruby Frost, Smitten,  
Snapdragon, Sonya, SweeTango, Sweet Cheeks,  
Sweetie, Tentation, Toshiro, Tunda, Wellant,  
Zari, Zestar, and Zonga...

# SweeTango®

- Tested as MN 1914, Minneiska cv.
- Minnesota direct-market growers receive up to 1,000 trees, to be marketed as 'Minneiska'
- Next Big Thing (NBT) Co-op is the 'manager'
- Quebec (1), Nova Scotia(1), New York (14), Minnesota (2), Michigan (16), Wisconsin (1), Washington (3)

# SweeTango®



A drop-dead 'killer apple'  
(but you might as well forget it!)



# MN 55

- Tested as MN 1955
- Honeycrisp x AA44 (MonArk)
- Stemilt Growers
- Mid-late August harvest
- Drop prone
- Good flavor, crispness, storage
- *You're going to wish you could grow it, but forget it unless you buy land in Minnesota...*



# SnapDragon<sup>®</sup>

- Tested as NY 1, Honeycrisp parent
- Late September
- Only available to New York Apple Growers Assoc.
- Has already been extensively planted in NY, expect first marketable crop in 2015



# RubyFrost®

- Tested as NY 2
- Ripens mid-late October
- Pretty much agreed inferior to SnapDragon®
- Also appears to be susceptible to fire blight
- *Forget Ruby Frost® and Snap Dragon® in the foreseeable future...*





# Cosmic Crisp

- WA 38
- Enterprise x Honeycrisp
- Ripens late September
- Available to WA growers only via lottery for trees to be planted in 2017
- *Forget it...*





# EverCrisp®

- Honeycrisp x Fuji
- Midwest Apple Improvement Assoc.
  - Join MAIA
  - \$1 per tree royalty
  - 20 cents per tree years 4-10, 30 cents per tree years 11-20
- *Go for it (sold out for 2015), but untested...*



# Premier Honeycrisp

- Adams County Nursery, DAS10 cltv.
- Whole tree sport that ripens 3 weeks before 'regular' Honeycrisp
- Striped, but otherwise similar to Honeycrisp
- Limited availability from ACN...*but don't everyone jump up and dial your phones!*



Premier Honeycrisp, August 14, 2013 in PA

# Modi®

- Liberty x Gala, CIVG 198
- Scab-resistant
- NA-INN and Farmington Fresh
- 200 – 600 acres in California's Central Valley



So Eco-friendly, so Crunchy,  
so Juicy.  
So Modi®.



## Carbon Footprint

Modi® is the first apple with a carbon footprint marker (CFP), ...

# Modi®

- 10/3/2014
- 3 inches
- 90% plus red
- 21 lbs. firmness
- 13.5 brix
- 3.9 starch index
- tastes very good
- Gets 'greasy' during storage





# These Apples Are In The Club

<http://www.npr.org/blogs/thesalt/2014/11/10/358530280/want-to-grow-these-apples-youll-have-to-join-the-club>



## Ambrosia

**Developed by:** Seedling found in British Columbia

**Grown in:** Across Canada. Also in Washington state, Chile, Europe, New Zealand

**Who can grow it:** Growers licensed by Summerland Varieties Corp.

**Tasting notes:** Sweet, crisp, light

**Production:** More than a million trees



## Autumn Glory

**Developed by:** Bred in Washington state

**Grown in:** Washington state

**Who can grow it:** Domex Superfresh Growers

**Tasting notes:** Crunchy, sweet, cinnamon

**Production:** 56,000 trees



## Cosmic Crisp

**Developed by:** Washington State University

**Grown in:** Washington state (not for sale until 2017)

**Who can grow it:** Growers in Washington state

**Tasting notes:** Crisp, juicy, sweet-tart

**Production:** None so far. First commercial trees are due to be planted in 2017 (300,000 trees)

**Footnotes:** Cosmic Crisp is a brand, not an apple variety. The apples are from a variety called WA 38.



## Envy

**Developed by:** ENZA, New Zealand

**Grown in:** Washington, New Zealand, Chile

**Who can grow it:** Growers affiliated with ENZA

**Tasting notes:** Smooth, sweet, aromatic

**Production:** 797,000 trees; 1.2 million trees on order

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## EverCrisp

**Developed by:** Midwestern Apple Improvement Association

**Grown in:** Growers in a dozen states, mostly in the East

**Who can grow it:** Any member of Midwestern Apple Improvement Association

**Tasting notes:** Sweet, crisp

**Production:** 30,000 trees planted. 600,000 ordered.

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## Jazz

**Developed by:** ENZA, New Zealand

**Grown in:** Chile, New Zealand, Washington state in the U.S.

**Who can grow it:** Growers affiliated with ENZA

**Tasting notes:** Snappy, tangy, sweet

**Production:** 1.8 million trees



## Kanzi

**Developed by:** Belgium

**Grown in:** Michigan and Washington state

**Who can grow it:** Growers affiliated with Columbia Marketing International

**Tasting notes:** Sweet, tart, crunchy

**Production:** Undisclosed. Relatively small production so far in the U.S.

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## KIKU

**Developed by:** Brand created by Italian company

**Grown in:** Europe, New Zealand, Michigan, Pennsylvania, Washington state

**Who can grow it:** In U.S., growers affiliated with Columbia Marketing International

**Tasting notes:** Super sweet, crunchy, juicy

**Production:** Undisclosed. Relatively small production so far in the U.S.

**Footnotes:** KIKU is a brand, not an apple variety. The apples are from an open variety called Fuji Brak.

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## Lady Alice

**Developed by:** Seedling found in Washington state

**Grown in:** Washington state

**Who can grow it:** A few growers affiliated with Rainier Fruit Co.

**Tasting notes:** Sweet-tart, crisp

**Production:** 300 acres, or roughly 300,000 trees



## Opal

**Developed by:** Czech Republic

**Grown in:** Many countries

**Who can grow it:** In the U.S., only Broetje Orchards in Washington state

**Tasting notes:** Sweet, tangy, crunchy

**Production:** A million trees in the U.S.

**Footnotes:** This apple is said to resist browning.

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## Pacific Rose

**Developed by:** ENZA, New Zealand

**Grown in:** Mostly Washington state, although also grown in small numbers in New Zealand

**Who can grow it:** Growers affiliated with ENZA

**Tasting notes:** Crisp, clean, sweet

**Production:** 722,000 trees

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## Pinata

**Developed by:** Germany

**Grown in:** Europe, Washington, Minnesota

**Who can grow it:** Stemilt Growers in Washington state and Dennis Courtier in Minnesota

**Tasting notes:** Tropical, crisp, sweet and tart

**Production:** 375 acres in production, or at least 375,000 trees





## RubyFrost

**Developed by:** Cornell University

**Grown in:** New York state (not yet for sale)

**Who can grow it:** Apple growers in New York

**Tasting notes:** Crisp, sweet-tart

**Production:** About 200,000 planted, another 200,000 ordered

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## SnapDragon

**Developed by:** Cornell University

**Grown in:** New York state

**Who can grow it:** Apple growers in New York

**Tasting notes:** Crunchy, sweet

**Production:** About 300,000 planted, another 250,000 ordered

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## Sonya

**Developed by:** New Zealand

**Grown in:** Washington state

**Who can grow it:** Three growers in Washington's Yakima Valley

**Tasting notes:** Sweet and crunchy

**Production:** 150,000 trees

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## SweetTango

**Developed by:** University of Minnesota

**Grown in:** Washington, New York, Michigan

**Who can grow it:** Members of Next Big Thing fruit-growing cooperative

**Tasting notes:** Crisp, sweet, touch of citrus

**Production:** 800,000 trees

# Pazazz®



- DS-3, DS-41 cvs.
- Chance seedling, Doug Shefelbine in Wisconsin
- Regal Fruit International, LLC; Wescott/Honeybear Marketing
- 500,000 trees in the ground or soon to be
- Strategic marketing mid-winter

# Publix - St.Petersburg #1, FL





# Questions?

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